



**DX bulletin 310**  
**25/07/2019**  
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## **DX NEWS**

### **IOTA Contest 2019**

Bookmark ADXO for regularly updated participants in this years' IOTA contest. Keep an eye on the IOTA page of DX-World too.

#### **North American IOTA tour by Mike VE7ACN -cancelled**

Due to medical reasons, Mike had to cancel this trip.

~~NA-IOTA trip by Mike VE7ACN~~

~~NA-068-Miscou Isl~~ VE7ACN/VE9 August 11-18

~~NA-077-Anticosti Isl~~ VE7ACN/VE2 August 21-31

~~NA-125-Ile Grande Basque~~ August 3-9

~~NA-176-Ile Quarry~~ VA7XW/VE2 July 25-August 1

QSL via Club Log QQRS or via home call, direct or bureau. <https://www.ve7acn.com/>

Mike will take part in the IOTA contest from Bowen Isl NA-091.

#### **SV2RSG Mount Athos -update**

According to the latest OPDX Bulletin: "...per DXCC Desk staff, they do not yet have any documentation from Monk Iakovos, SV2RSG that states he is in fact active from Mount Athos. So currently, any operation by him doesn't count for DXCC".

## **DXCC**

### **This week on HF**

**5H, TANZANIA** Fabian, DF3XY is operating from Zanzibar Island as 5H1XY. Operation on HF. QSL via home call.

**6O, SOMALIA** Ali, EP3CQ is once again active as 6O1OO until end July. Focus on 6 meter FT8. QSL direct via home call.

**8Q, MALDIVES** Sugi, JI3KDH will be operating as 8Q7SU from North Male Atoll between July 31 and August 7. Operation from 20 to 10 meter using CW. QSL via LoTW.

**9H, MALTA** Several members of the Bristol Contest Group (G3TKF, G3XSV, G3YHV and M1DSE) will again operate as 9H6YB from Triq San David, Mtarfa, Malta during the 2019 IOTA contest on July 27/28. The log will be uploaded to LoTW and Club Log after the contest. Paper QSLs for this activity are only available via G3SWH direct with adequate return postage and the use of the QQRS facility on [www.g3swh.org.uk](http://www.g3swh.org.uk) is strongly recommended. There will also be a log search facility at [www.g3swh.org.uk](http://www.g3swh.org.uk). QSL cards sent via the RSGB or Maltese bureaux will NOT be collected or replied to.

**C5, THE GAMBIA** Przemyslaw, SP3PS is active as C5SP until August 5. QRV from 20 to 6 meter using SSB and FT8. QSL via home call direct and LoTW.

**CY9, ST PAUL ISL** THE CY0 DXpedition team with 7 operators will be active from July 31 until August 7 as CY9C. It is rare on CW and a big effort will be made for this, furthermore all bands will be activated using all modes. QSL via WA4DAN direct, LoTW and Club Log. <http://cy9c.com/index.html>

**D4, CAPE VERDE** Lukas, HB9EBT is active from Santiago Island as D44TEG until July 29. Activity from 40 to 10 meter using CW. QSL via home call.

**E4, PALESTINE** Janusz, SP9FIH is once again QRV as E44WE. Plans are to operate SSB, FT8 and/or RTTY on 80, 30, 20 and 6 meter. QSL via Club Log OQRS or via home call.

**EA6, BALEARIC ISL** Andreas DK5ON is operating from Cap de Pera until July 26 from 40 to 6 meter using CW, SSB, RTTY and FT8/4. QSL via DK5ON, direct or bureau, LoTW, Club Log OQRS.

**FO0, AUSTRAL ISL** Oliver, W6NV is active as TX2A until July 29. An entry in the IOTA contest is included. QSL via home call, LoTW.

**FO, FRENCH POLYNESIA** Rick, AI5P is active from Tahiti as FO/AI5P until July 29. Operation from 40 to 17 meter using CW and FT8. QSL via home call.

**GJ, JERSEY** MJ0ILB (OK1BIL), MJ0IKL (OK1DOL), MJ/OK1FIK, MJ/OK1FWM, MJ/OK1NP and MJ/OK3RM are active until July 28. Activity on HF and 6 and 2 meter using CW, SSB and digi. They will participate in the IOTA Contest as MJ0ICD. QSL via OK1DOL, direct or bureau.

**H4, SOLOMON ISL** Bernhard, DL2GAC is once again operating as H44MS from Malatai Isl until September 25. Activity from 80 to 6 meter using SSB only. QSL via home call.

**HC, ECUADOR** Joe, IZ1HGP will be operating as HC2/call from August 1 until September 1. Activity from 160 to 6 meter. QSL via LoTW.

**IS0, SARDINIA ISL** Sebastien, F8BDQ is operating as IS0/call until August 6. IOTA contest included. QSL via home call, direct only.

**IS0, SARDINIA ISL** Richard, OM2TW is active in 'holiday-style' until August 3. Operation from 80 to 10 meter using CW, SSB, RTTY and digi. An entry in the IOTA contest is included. QSL via OM2FY.

**J6, ST LUCIA** Frank, K3TRM is operating as J6/call from Gros Islet until August 3. Operation from 40 to 6 meter using CW, SSB, digi and satellite.

<https://www.qrz.com/db/J6/K3TRM>

**JW, SVALBARD** Freddy, ON6FDP will be QRV from JW/ON7SA during the RSGB IOTA Contest (July 27-28). QSL via home call.

**JW, SVALBARD** Erling, LB2PG is QRV as JW/call until November. Activity from 80 to 20 meter using SSB. QSL via home call.

**PY0F, FERNANDO de NORONHA** Look for PP2BT and PY7RP as PY0F until July 28. Activity from 160 to 10 meter using CW, SSB and digi. An entry in the IOTA contest is included. QSL via PY7RP.

**SV9, CRETE** Thomas, SV2CLJ is active as SV9/call until July 31. Operation from 80 to 6 meter using CW, SSB and FT8. QSL via home call, direct.

**TK, CORSICA** Frans, DJ0TP is once again QRV as TK/call in 'holiday-style' until August 8. QSL via LoTW or via home call, direct or bureau.

**V4, ST KITTS** John, W5JON is once again operating as V47JA from his vacation home in Calypso Bay until August 11. Operation from 160 to 6 meter using SSB and FT8. QSL via home call direct or LoTW.

**VK9L, LORD HOWE ISLAND** Rick, AI5P will after his trip to Tahiti be active as VK9APX during August 1-10. Operation from 40 to 17 meter using CW and FT8. QSL via home call.

**VP9, BERMUDA** Josh, W9HT will be active as call/VP9 during August 1 to August 6. Operation on HF and 6 meter. QSL via home call direct.

**XV, VIETNAM** Sven, HB9DXN is once again operating as XV9DXB from Nha Trang until mid-August. Activity on 80, 40, 20 and 15 meter using CW and SSB. QSL via EB7DX.

**YJ, VANUATU** Chris, VK2YUS is once again active as YJ0CA from Efate until July 31. QSL via home call.

**YJ, VANUATU** Geoff, ZL3GA is operating from the Malowia Guest House until August 2. Activity on HF using CW, SSB and FT8. QSL via LoTW, Club Log OQRS or via home call, direct or bureau.

**Z6, KOSOVO** Mome, Z32ZM is active as Z68MA during July. QSL via Club Log OQRS. <https://www.qrz.com/db/z32zm>

**Z8, SOUTH SUDAN** Diya, YI1DZ is once again operating as Z81D until October 10. Operation from 80 to 10 meter using SSB and FT8. QSL via OM3JW, OQRS.

## Coming up soon

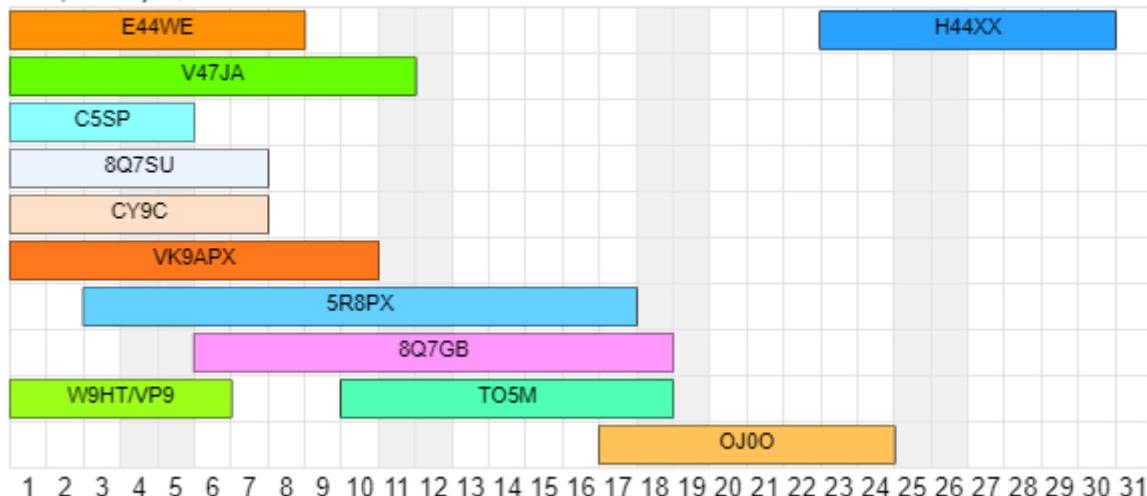
**8Q, MALDIVES** Gil, IZ2DLV will be operating from Nika Island as 8Q7GB between August 6 and August 18. Activity in 'holiday-style' from 80 to 15 meter using CW, SSB and FT8. QSL via LoTW.

**OH0, ALAND ISL** Bert DK3BK, Uwe DO5JD and Cornelia DK3CKM will be operating as OH0UDG from August 3 until August 17. Activity from 80 to 10 meter. QSL via M0OXO.

## DXCC Timeline

### DXWORLD.net FEATURED DXPEDITIONS TIMELINE

Last update: July 22, 2019



Edited by MM0NDX

AUGUST

IK8LOV Max Laconca

## IOTA

### This week on HF

#### AFRICA

**AF-104 Srigina Isl** Afif, 7X2RO and friends are active as 7V9A until July 29. Operation on HF using CW and SSB. An entry in the IOTA contest is included.

**AF-118 Los Farallones Isl** Look for 5C9A with CN8QY as leader. Planned dates of activity are July 25-30, 2019. <https://5c9a.com/>

#### ASIA

**AS-040 Goto Isl** Yasu, JA6WJL will be active on July 26-29. Operation on HF using CW, SSB and RTTY. An entry in the IOTA Contest is included. QSL via home call, direct or bureau, logsearch on Club Log.

**AS-066 Popov Isl** Vladimir, UA0LCZ is once again QRV as R66IOTA until July 30.

Activity from 80 to 10 meter using CW and SSB. QSL via home call.

**AS-113 Matsu Isl** A team with BV2KI, BV2NT, BX2AB, BU2CR, BX4AF, JG3DOR and JH3BDB will be operating as BO0M during the IOTA Contest (July 27-28). QSL via BV2KI.

**AS-063 Popigay-Ary Isl**

**AS-152 Bol'shoy Begichev**

Eugene UA6EX, Leonid UA7A and Vasily R7AA will be active as R63RRC and RQ73QQ around July 26. Water trips to and from the islands are about 800 km distance. The team seeks one more operator (who will pay for their plane tickets and some of the other costs). Contact the team at: [r7aa@mail.ru](mailto:r7aa@mail.ru). The project is quite expensive due to flights in Upper North. <https://dxpedition.wixsite.com/r63rrc/en>

**R63RRC**, Popigay-Ary island, IOTA: AS-063, RRA: NEW ONE, WWloc: OQ32AW, RDA: KK-65, Krasnoyarsk region (R0B).

**RQ73QQ**, Bol'shoy Begichev island, IOTA: AS-152, RRA: RR-08-04, WWloc: OQ64AM, RDA: YA-10, Republic of Sakha (R0Q).

<https://dxpedition.wixsite.com/r63rrc/en>

**AS-136 Chongming Isl** BA4TB, BD4TS, BD4SS, BA4MY, BG4TRN, BH4TXN, BH4TVU, BH4SCF, BH4BWX and BI4SCC will be active during the IOTA contest as BG4TRN. Before the contest they may be using their homecalls. QSL's via homecall.

## **EUROPE**

**EU-011 Isles of Scilly** The Cray Valley Radio Society with G0FDZ, G0VJG, G4FNL, GM0WED, M0MDR, M0TBS and M0TGV are active as M8C until July 30. QSL via Club Log OQRS, LoTW.

**EU-016 Susac Isl** Members of the Radio Club Croatian Flora Fauna and friends (9A3DF, 9A3ST, 9A4WY, 9A5M, 9A5YY, 9A6AA + two non-ham persons) are active in the IOTA contest from the uninhabited island of Sušac until on July 31 as 9A2L. Some of operators will operate before and after IOTA Contest under their H/C and 9A1WFF/p. 9A5YY and 9A3ST will activate SOTA 9A/DH-157 (first activation).

**EU-030 Bornholm Isl** Carsten, OZ4CG will be active as OZ4SOP for the Sea of Peace Award until end July. QSL via Club Log OQRS, LoTW.

**EU-033 Texel Isl** Jan, PA2JJB is active as PA6TXL until August 10, included is an entry in the IOTA Contest. QSL via home call.

**EU-050 Tremiti Isl** Michele, IW7EGQ will be operating as IL7MP on July 26-28, including an entry in the IOTA contest. QSL via M0OXO OQRS.

**EU-054 Levanzo Isl** Look for Ignazio IT9AGZ as IF9/call until July 28. QSL via home call.

**EU-056 Flemsoya** LA/OK1XC and LA/OK3EE are QRV until August 4 with an entry in the IOTA contest (LA/OL7X). QSL via OK1XC.

**EU-068 Sein Isl** Members of the F6KOP Radio Club will participate in the IOTA Contest as TM5S. QSL via F5MFV, direct or bureau, Club Log OQRS and LoTW.

**EU-083 Isola del Tino** A large team will be active during the IOTA contest as IP1T. Operation during daylight only. QSL via I1ANP.

**EU-096 Berghann Isl** Members of the OH9W will be QRV during the IOTA contest as OH9W/1. QSL via OH5BQ.

**EU-107 Ile Petite** Gil F4FET and Antoine F5RAB will participate in the IOTA contest as TM7P. They will be QRV before and after the contest with 2 stations from 80 to 6 meter using CW, SSB and RTTY. QSL via F4FET.

**EU-117 Island tour**

Look for Visily RU3SD, Vasily RA1ZZ and Avinir UA1ZZ as RK3SWB/1 until July 31. All islands (except O. Vysotsky) belong to the IOTA group: EU-117, but three of them (Ravitsa, Shkolny, Kayasaari) will be listed in the directory after confirmation of activation. Plans are:

**24-25.07** – “Severnyy Berezovyy” Island, IOTA: EU-117, RRA: RR 01-39

**26-28.07** – “Vikhrevoy” island and lighthouse “Povorotnyy”, IOTA: EU-117, RRA: RR 01-15, ARLHS: ERU-057, RLHA: RLE-068, WLOTA: WLH-0164

**28-29.07** – “Lisiy” Island, IOTA: EU -117, RRA: RR 01-16

**29-30.07** – “Kottojsaari” Island, RRA: RR 01-38

**30.07** – “Vysotsky” Island and “Patteri” lighthouse, RRA: RR 01-14, ARLHS : ERU-222, RLHA: RLE-148, WCA: UA-00022, RAFA: H648

**30-31.07** – Kayasaari Island and Likaniemi Lighthouse, RRA: RR 01-19, ARLHS: NEW , RLHA: NEW, WCA: UA-00216, RAFA: HJ4M

Total of 8 lighthouses and 8 islands (three of which are NEW ONE RRA). The maximum plan, drawn up without any reserve for time and rest, for this reason any force majeure or just a small delay will lead to the cancellation of the activation of one or several lighthouses and / or islands. There may be minor changes or additional “short-term” activation of beacons (2-3 hours) without deploying the camp.

**EU-122 Rathlin Isl** John, G3WVG will be QRV s MN5A during the IOTA Contest (July 27-28). Operation in mixed mode. QSL via LoTW.

**EU-126 Lappi Province Group** OH9A QSL via OH1NOA

**EU-192 Kataja/Inakari Isl** OJ9A QSL via OH2BH

Until July 29, Radio Arcala, OH8X group of OH8NC, Juha, OH2BH, Martti, OH1MA, Jaakko, OH2MM, Ville, OH2GEK, Niko, OH9RJ, Arno and OH9VC, Jouko will activate two of the rarest Northern European IOTA counters simultaneously on all HF-bands, including the IOTA contest in Multi-2 category.

**EU-150 Insua Isl** CT1DMC, CT1HIX, CT2GSN, CT2HOV, CT7AFR and EA1CBX will be active as CR5IC between July 26-290, including an entry in the IOTA Contest. QSL via CS5ARAM.

**EU-162 Mally Isl** R3GM, RA1QQ, RT9T and RX3QAK will be active between July 26-30, including participation in the IOTA Contest as RT5G/1. It's also possible they may activate new islands under the RRA program. QSL via RA1QQ.

**EU-172 Samsoe Isl** Michael, OZ1KZX is operating as 5P5SAM until July 27. QSL via home call, direct or bureau, LoTW, Club Log QRSS.

**EU-179 Kalanchakskiye Isl** A team with UR8GX, UR3GO, UT3GB, US0GJ and UV5QQ as UR1G during the IOTA contest. Operation before and after the contest. QSL see <https://dx-world.net/ur1g-kalanchakskiye-isl-eu-179-2/>

**EU-181 Sveti Ivan Isl** K1LZ, LZ1QN, LZ1QV, LZ1YQ, LZ1ZF, LZ3BB, LZ4AE, S55M and Z32ZM will be active as LZ0I during the IOTA contest. Multi-2 operation. QSL via BFRA Bureau.

**EU-185 Sudzhuk Isl** Valery, RU6DX will once again be active as RU6DX/P during the IOTA contest (July 27-28). Activity as SOAB. QSL via home call.

## **NORTH AMERICA**

**NA-038 Iles de la Madeleine** Jim WA4YIZ, Becky KA2BEC, Richard VE2DX and YXL are active as VX2A11 to commemorate the 50<sup>th</sup> anniversary of the Apollo 22 Moon Landing. Operation until July 30. QSL via VE2STN.

**NA-091 Bowen Isl** Mike, VE7ACN will be active as call/7 during the IOTA contest. QSL via home call, direct or bureau, Club Log.

**NA-112 Bald Head Isl** Brian, K4BRI will be active as call/P on July 30-31. This is a portable operation with activity mainly on 20 meter using CW and SSB but can depend on propagation. QSL via home call.

**NA-140 Smith Isl** Steve, NY3A will be QRV during the IOTA contest as call/3. QSL via home call.

## **OCEANIA**

**OC-121 Mamanuca group**

**OC-156 Yasawa Isl**

During the IOTA contest, Dom 3Z9DX will be active as 3Z2DOM from either OC-121 or OC-156.

**OC-165 Satang Besar Isl** A team with 9M8DEN, 9M8WAT, 9M8ADX, 9W8CH, 9W8ZZK, 9W8MAD, 9W8GEO & 9W8VYY will be operating during the IOTA contest 2019 as 9M8RC.

A 12 hours holiday-style operation from 27/7/2019 12:00UTC to 28/7/2019 00:00UTC.  
QSL via 9W8KIF.

## **SOUTH AMERICA**

**SA-060 Iha de Guaras** Stucker, PT2GTI and team will be active as PX8R on July 26-28. Activity on 80, 40, 20, 15 and 10 meter. QSL via PT2GTI direct, LoTW and Club Log.

**SA-082 El Morro Grande** Thierry, HK2SM and 7 others will be active as 5K2M in Santa Marta Bay on July 27-28. Operation from 80 to 10 meter using SSB. QSL via Club Log and LoTW or via K6IPM.

## **Coming up soon**

### **AFRICA**

**AF-057 Nosy Be** Giovanni, IZ2DPX will be active as 5R8PX from August 3 until August 17. Operation on HF using SSB and digital. QSL via IK2DUW.

## **ANNOUNCEMENTS**

### **Announced DX**

#### **THE NEWCOMERS**

**FG, GUADELOUPE** A large team will be active as TO8FTDM and also with their own calls using the FTDMC or FTDM between August 10 and August 24, this to mark the 2<sup>nd</sup> anniversary of the FT8 digital mode club. <https://www.qrz.com/db/TO8FTDM>

**FM, MARTINIQUE** Hideto, JF2QNM will be QRV as FM/call between October 24 and October 30. An entry in the CQWW SSB contest is included as TO1J.

**FP, ST PIERRE & MIQUELON** DK1BT, DL4WK, DL6SAK, DL7DF, DL7UFR, SP3CYY and SP3DOI will be active as TO80SP during October 2-14. Active with three stations from 160m through 10m on CW, SSB and digi. <http://www.dl7df.com/fp/>

**T6, AFGHANISTAN** Robert, S53R will be operating from Kabul as T6A (contest) and as T6AA. QRV starting from early September for up to 2 years. QSL via home call, LoTW.

#### **THE REMINDERS**

**3B8, MAURITIUS** Olof, G0CKV and others will be operating as 3B8MU during the CQWW CW Contest (Nov 23-24). Operation before and after the contest mostly on the low bands between November 18 and November 29. QSL via M0OXO.

**3D2, FIJI** Heli, DD0VR will be operating as 3D2VR during September 2-9 and again from September 23-27. Operation from 80 to 6 meter. QSL via home call.

**3DA0, KINGDOM OF ESWATINI** Look for Pista HA5AO to return to eSwatini (Swaziland) from September 15 until October 1. Activity as 3DA0AO for 2 weeks from 80 to 10 meter using CW, RTTY and FT8. QSL via OQRS <https://www.ha5ao.com>

**5H, TANZANIA** Alex K2BB, Pavel UU0JR and others will be operating as 5H3EME and 5H3UA between November 15 and November 30 (approx). Operation on HF and VHF using CW, SSB, digi and EME. An entry in the CQWW DX CW contest is included. More to follow.

**5W, SAMOA** Heli DD0VR and Sabine DE3BWR will be QRV as 5W0VR between September 9 and September 16. Operation on HF. QSL via DD0VR.

**5X, UGANDA** The Italian DXpedition Team will be active from Uganda during September/October 2019. Look for them as 5X0T using CW, SSB and RTTY and as 5X0X using FT8. More to follow.

**6O, SOMALIA** Ken LA7GIA announces he is going back to Somalia in September as 6O7O. Ken says: I really look forward to this trip! Planning a trip to Somalia involves many limitations and challenges wrt obtaining permissions, logistics, operation as well safety & security wise. I have obtained the license **6O7O**, and LoTW is already received by ARRL.

I have a better QTH than last time. This time also with more space for beverages to NA/EU and Asia. Everything is booked and in place like accommodation, flight etc. I will be operating solo for exactly 14 days on all bands 160-10m using mainly CW. If possible also digi mode. If someone can send me an original Elecraft mic I might do some SSB as well... QRV from 160 to 10 meter. QSL via M0OXO, Club Log, LoTW.

**7P, LESOTHO** Pista, HA5AO is returning to Lesotho as a volunteer to a local community group. Operation from October 1-19 from 80 to 10 meter during his spare time. Log and OQRS on <http://ha5ao.com>

**9G, GHANA** A large team with S50A, S50R, S51DS, S51TC, S51ZJ, S54W and S57UN will be operating as 9G5W from Kokrobite between November 16 and November 17. An entry in the CQWW DX CW contest is included. QSL via S54W, LoTW, Club Log.

<https://ghana.si/>

**9U, BURUNDI** Francesco, IV3TMM will be active as 9U3TMM between August 31 and September 17 from Bujumbura. Activity in 'holiday-style' from 60 to 6 meter using FT8, SSB and RTTY. QSL via home call.

**9X, RWANDA** Harald, DF2WO will once again be QRV as 9X2AW from Kigali. Activity from November 4 until November 16.

**A3, TONGA** Helmut, DD0VR will be active from Tonga as A35JY during September 16-21. This activity is between Helmut's 3D2VR operation. QRV on HF bands using CW and SSB. QSL via home call.

**A3, TONGA** Grant VK5GR with Andrew VK5AKH and Oly VK5XDX will be active as A35JT. An entry in the CQWW RTTY and OCDX SSB contest is included. The team is keen for a 4 square on 40/30, beams on 20/10 and verticals for 160/60 meter. Planned dates are September 22 – October 7, 2019. <http://vk5gr-iota.net/?p=1288>

**D4, CAPE VERDE** Harald, DF2WO will once again be operating as D44TWO from Praia Baixa. QRV in 'holiday-style' from September 29 until October 13. Operation from 160 to 6 meter using CW, SSB and digi. QSL via M0OXO.

**D6, COMOROS** The International MDXC team will be active as D68CCC from October 20 until November 1. A large team with Antonio, IZ8CCW as team leader will be on air with 5 stations using all modes. More to follow.

**EL, LIBERIA** During September/October the Italian DXpedition team will be active as A82C (CW and SSB) and as A82Z for digital modes. The team will be active with 11 operators and 5 stations using CW, SSB and digi. Real-Time logging.

<http://www.i2ysb.com/idt/>

**FH, MAYOTTE** Willi, DJ7RJ will once again be active as FH/call starting mid-October. Focus on 160 meter. QSL via home call.

**FH, MAYOTTE**

**FR, REUNION**

Willi, DJ7RJ will once again be active as FH and FR/call during October 2019. Focus on top band from Mayotte. QSL via home call.

**FO/M MARQUESAS ISL** Members of the CAN-AM DXpedition Group will be operating from the island of Hiva Oa in the Marquesas Islands for 10-12 days between November 6-19. The Marquesas Islands rank #60 on Club Log DXCC "most wanted" list. Operations will include all available bands 160m-10m and CW, SSB and FT8. Operators are: F6BCW, K4UEE, K5PI, W5MJ, W5SJ, W5RF, VA7DX and VE7KW. This includes operators from TX5T last year. QSLs will be available via Direct and LoTW. More to follow.

**FP, ST PIERRE & MIQUELON** Look for VO1IDX, DJ6GI, DM4IM and DD5ZZ as TO5M from Ile aux Marins between August 10 and August 18. Activity from 160 to 6 meter with 4 stations using CW, SSB and FT8. Real-time log and QSL via Club Log.

<http://fp2019.net/>

**FP, ST PIERRE & MIQUELON** Eric, KV1J will once again be active as FP/call between September 24 and October 8. Operation from 160 to 10 meter using CW, SSB and digital. QSL via home call, LoTW.

**FS, SAINT MARTIN** Look for FS/K9NU, FS/W9ILY, FS/N9AOL, John FS/K9EL and Marco FS4WBS in December. Primary focus will be on the low bands using CW and FT8. QSL

for all calls via home call, direct or bureau, Club Log OQRS, LoTW. FS4WBS goes to IZ1MHY. <http://k9el.com/SaintMartin2019/SXM2019.htm#Operating>

**GD, ISLE OF MAN** Members of the NBDX Team will be operating as MD/OP2D between September 21 and September 27. Operation from 160 to 6 meter using CW, SSB and digi. QSL via M0URX OQRS. <http://users.telenet.be/on4ann/MD/>

**H4, SOLOMON ISLANDS** Michael, DL2GMI will be QRV from Malaita between August 22 and September 2. Operation on 80, 40, 20, 15 and 10 meter. Callsign is pending.

**J8, GRENADINES** Brian, GW4DVB will once again be active as J88PI from April 6 until April 14, 2020. Activity from 40 to 6 meter using mainly SSB and FT8. QSL via home call.

**J8, GRENADINES** Tom, KC0W will be operating as J8CW. Dates not yet known but it will be a dedicated CW operation. More to follow soon.

**OJ0, MARKET REEF** Look for OJ0O (DS4EOI, JE6HIB, JH4RHF and W5XU) from August 17 until August 24. An entry in the International Lighthouse/Lightship Weekend is included. QSL via OE1ZKC.

**P4, ARUBA** Jaap, PA7DA will be operating as P4/call from October 17 until October 31. Activity in 'holiday-style' on 40, 20 and 10 meter using CW, SSB and FT8. QSL via home call.

**PJ7, ST MAARTEN** Ed, N2HX will once again be operating as PJ7PL from October 20 until November 4. An entry in the CQWW SSB contest is included, before and after the contest look for Ed on HF using SSB, RTTY, FT4/8. QSL via home call.

**PY0T, TRINDADE & MARTIM VAZ** ZZ0T will be the next DXpedition in 2019. Full details soon.

**S7, SEYCHELLES** Lance, W7GJ will be active as S79GJ from September 18 until October 5 on a 6 meter EME DXpedition. This is the first time that this will be activated on 6m EME. For all details see: <http://www.bigskyspaces.com/w7gj/Seychelles%202019.html>

**T30, WEST KIRIBATI** Stan LZ1GC, Mitko LZ3NY and Karel OK2WM will be operating as T30GC between October 7 and October 23. Activity from Tarawa Atoll (OC-017) from 160 to 10 meter using CW, SSB, RTTY. QSL via Club Log (preferred), LoTW or via LZ1GC direct or bureau. Full details on <http://c21gc.com/>

**T30, WEST KIRIBATI** Look for T30ET from March 18 until April 2, 2020 from Tarawa. Activity on all bands using CW, SSB, RTTY and FT8. <http://www.5b4alx.cloud/>

**T33, BANABA ISL** T33T by the Rebel DX Group, after their Conway Reed DXpedition they will be QRV from Banaba within the next month or so.

**T8, PALAU** Nobuaki, JA0JHQ will once again be active as T88PB from Koror between September 6-9. Activity on HF. QSL via JH0JHQ.

**T8, PALAU** Look for T88FM (JM1LIG), T88RR (JA6UBY) and T88MK (JO3LVG) between September 12 and September 21. Activity from 160 to 6 meter using CW, SSB and digi.

**TI9, COCOS ISL** TI9C...More to follow.

**TR, GABON** Roland will once again be QRV as TR8CR from Libreville. Activity during October-November from 40 to 17 meter using CW and SSB. QSL via F6AJA.

**TT, CHAD** The Italian DXpedition Team is going to Chad. TT8RR for CW, SSB and RTTY, TT8XX for FT8. More to follow.

**VK9C, COCOS KEELING** Keith GM4YXI and Chris GM3WOJ will once again be active as VK9CZ between November 12 and November 29. Activity from 160 to 10 meter using CW, SSB and some FT8. QSL via LoTW and Club Log OQRS. <http://www.vk9cz2019.com>

**VK9N, NORFOLK ISLAND** Janusz, SP9FIH will be QRV as VK9NK starting mid-January 2020 for a couple of weeks. Activity from 160 to 10 meter using CW, SSB and digi. QSL via home call.

**VK9N, NORFOLK ISL** Jacek SP5EAQ (SSB), Mek SP7VC (digital) and Marcin SP5ES (CW) will be active from Norfolk: SP5EAQ October 18 – November 4, SP7VC October 18-October 28, SP5ES October 28 - November 4. QSL via SP7VC, direct or bureau, LoTW.

<http://vk9n-2019.dxing.pl/>

**VP6, PITCAIRN ISL** A large team of 14 operators such as K0IR, EY8MM, N2TU, W0GJ will be operating as VP6R in October 2019. Operation on all bands using all modes.

More to follow. <https://pitcairndx.com/>

**VP8, SOUTH ORKNEY** After their successful VP6D DUCIE ISLAND 2018 DXpedition, the Perseverance DX Group is pleased to announce their intention to activate South Orkney Islands as VP8/VP8DXU, currently Club Log #16 most wanted.

Planning has begun for an expedition in February/March 2020. A team of experienced DX and Contest operators will operate from Signy Island for up to 15 days. The process of obtaining landing permission is underway. The call sign will be announced at a later date. The team will sail from Punta Arenas, Chile aboard RV BRAVEHEART. Seven operating positions are planned for 160-10 meters, SSB/CW/Digital.

The team includes: Dave K3EL, Les W2LK, Steve W1SRD, Ricardo PY2PT, Gene K5GS, Arliss W7XU, Heye DJ9RR, Laci HA0NAR, Mike WA6O, Vadym UT6UD, Walt N6XG and Rob N7QT. <https://sorkney.com/>

**VU7, LAKSHADWEEP ISL** Shabu, M0KRI and others will be operating as VU7RI from October 19 until November 3. Operation from 80 to 6 meter with a focus on the higher bands using CW, SSB and FT8. QSL via M0KRI, LoTW and Club Log.

**XT, BURKINA FASO** Harald, DF2WO will once again be QRV as XT2AW from December 2 until December 20. QRV on HF using CW, SSB and digi.

**XV, VIETNAM** Look for XV9D between November 16 and December 1 with a focus on the 5 lowest bands. An entry in the CQWW CW contest is included. QSL via EA5GL.

**YJ, VANUATU** Oleh, KD7WPJ will be operating from Efate Island as YJ0BCP from October 3 until October 10. Activity from 40 to 6 meter using CW, SSB and FT8. QSL via home call for CW and SSB. FT8 via LoTW.

**Z2, ZIMBABWE** The Z2LA and 7P8LB team are planning a next trip from March 5 until March 15, 2020. Look for the team as 9J2LA. They will focus on CW and FT8 for the low bands and CW, SSB and FT8 for the higher bands. QSL via M0OXO. <http://9j2la.com/>

**ZD7, ST HELENA** Oliver, W6NV will be QRV as ZD7W during the CQWW CW contest (November 23-24). QSL via LoTW.

**ZF, CAYMAN ISL** Frank, K3TRM will be QRV as ZF2RM, dates not known yet. He specifically mentions Cayman Brac, therefore his call may change to ZF9/ZF2RM when operating from there.

**ZK3, TOKELAU** An international team led by YT1AD and Alex UT5UY is planning a DXpedition to Tokelau as ZK3A, it has a high rating on low bands and EME. Plans are to be on air from October 1 until October 11. Activity on all bands, all modes and EME. The team will also help ten (10) young locals in becoming Radio Amateurs and has arranged for a call sign (**ZK3RT**) to be granted to the Tokelau Club Station which will have equipment donated by our team. It has been decided amongst the ops there will be two operating camps and with concentration on the low bands. There will be an advanced installation crew that will be sent prior to the main body of operators arriving. Dusko ZL3WW, Adrian KO8SCA, and Rob NQ7T have volunteered to become the advanced installation crew. <https://tokelau2019.com/>

## **Announced IOTA**

### **THE REMINDERS**

#### **AFRICA**

**AF-053 Moucha Isl** Look for J28PJ/P on September-October during some weekends using FT8 and SSB.

**AF-054 Mafia Isl** Elena RC5A and Yuri RM0F will be active as 5H3CA and 5H3RRC between September 29 and October 5. Activity from 160 to 10 meter using CW and SSB. QSL via RC5A.

**AF-064 Robben Isl** ZS9V team will again be operating from the evening of 15th August until sometime on the 20th. This covers the weekend of ILLW. Same as last year (SSB on 10/15/20 and SSB on 40/80). Further information on the operation will be published on <http://zs9v.org.za/>

## **EUROPE**

**EU-112 Shiant Isles** Team MS0INT is planning a 3-day activity from Europe's 5<sup>th</sup> most wanted IOTA. Activity end August 2019. More to follow.

## **NORTH AMERICA**

**NA-077 Anticosti Isl** Mike, VE7ACN will be QRV as VE7ACN/VE2 from August 21 until August 31. QSL via home call.

**NA-210 Sledge Isl** Members of the Russian Robinson Club will be active as KL7RRC/P from August 25 until September 3. Operation is planned from 40 to 6 meter with 3 stations using CW, SSB and FT8. QSL via N7RO, Club Log.

**NA-211 Tillamook Rock** Permission has been obtained for a DXpedition around November-December. A team with Mike AD5A, Rob N7QT, Alexej NW7M and Yuri N3QQ will be operating from the Rock. There is a fundraiser on Facebook to help cover the transportation costs. More to follow.

<https://www.facebook.com/donate/444710879405793/2710859262274736/>

## **OCEANIA**

**VANUATU IOTA DXpedition** Sergei RZ3FW and Sergei R4WAA will be active from Vanuatu as **YJ0RRC** during November 2019.

**OC-035 Efate Isl** November 14-20 YJ0FWA

**OC-104 Gaua Isl** November 4-11 YJ0RRC

**OC-111 Tongoa Isl** November 8-13 YJ0RRC

YJ0RRC from 40 to 18 meter using CW, SSB and digi with 2 stations.

YJ0FWA will also be on 160 and 80 meter.

Full planning: <https://r4waa9.wixsite.com/yj0rrc>

**OC-142 Heron Isl** Steve, VK2IAY/4 will be operating between December 2 and December 9. Operation mainly on 20 meter using SSB. QSL via G0UIH.

## **SOUTH AMERICA**

**SA-100 Pajaros Rocks** A team led by IT9YRE is working on a new plan to activate SA-100 as 3G1DX around October 18-19-20...Efforts are made for 2 stations mainly CW and SSB. QSL via XQ4CW.

## **WWFF INFO**

**F, FRANCE** FFF-0056, Reserve naturelle Marais d'Yves: Franck/F4DTO and Patrick/F4GFE will be celebrating their 10th anniversary of operating from the Reserve naturelle Marais d'Yves (FFF-0056) with the call TM17FFF. Planned dates are: August 19, 26, 30; September 13, 23; October 11, 14. QSL via bureau or via F4GFE (d/B). (tnx DXNL)

## **Lightships and Lighthouses**

**F, FRANCE** For the fourth time DL1DCT, DJ8EI, DJ5KX, DK5OPA, DL5KA and DO1KHR activated the call sign TM0BSM for participation in the International Lighthouse and Lightship Weekend (ILLW) 2019 from the lighthouse of Berck-sur-Mer (France). More on QRZ.com

**XE, MEXICO** Operators from Radioaficionados Yucatecos will be active as **XF3LL** from Celarain Lighthouse, Cozumel Island NA-090 during the International Lighhouse and Lightship weekend (August 17-18, 2019). Activity from 10m to 40m, ssb, data and satellite. QSL via XE3N.

## Special calls

### ***THE NEWCOMERS***

**PA, THE NETHERLANDS** Special event station PA13HJ will be activated between July 28 and August 6 during the 13<sup>th</sup> Haarlem Jamborette in Spaarnwoude. Operation from 80 to 6 meter using CW, SSB and digi. QSL via PA9LUC bureau.

**SM, SWEDEN** Members of Norrkoping Radioklubb (SK5BN) will be using special callsign SE19O until July 27 during this year's O-Ringen, the world's largest orienteering competition first held in 1965. QSL via the bureau. (TNX 425DX)

### ***THE REMINDERS***

**CN, MOROCCO** Taking part in this year's Throne Day's celebrations, special call 5C1M will be active on July 26-27 and July 29-30. QSL via RW6HS. Throne Day is a public holiday in Morocco that commemorates the enthronement of the incumbent monarch. Since 1999, it has been celebrated on July 30. (TNX 425DX)

**DL, GERMANY DM19LGS** marks the 8<sup>th</sup> State Horticultural Show in Frankenberg/Saxony during 2019 on HF and 2m/70cm with the special DOK 19LGS. QSL via bureau or via DG0ERS direct.

**DL, GERMANY DR50DIG** (DIG #6477, DOK DIG). QRV until end 2019. QSL via bureau or direct via DH1PAL.

**DL, GERMANY DQ600UNI** celebrates the 600<sup>th</sup> anniversary of Rostock University during 2019; special DOK 600UNI from September until December; during August the station's special DOK will be HSR19 (Hanse-Sail 2019). QSL via bureau and DL5KVV (d).

**DL, GERMANY DR19RGD** (DOK 19RG) is operating until July 31, this to mark the 19<sup>th</sup> Ruhr Games in Duisburg. QSL via bureau.

**DL, GERMANY DM775FLD** celebrates the founding of the town Friedland 775 years ago during 2019. QSL via bureau.

**DL, GERMANY DM70GER and DL70BRD** celebrate Germany's Septuagennial Jubilee throughout the year. An award will be available as well. QSL for DM70GER via M0SDV direct or Club Log OQRS, DL70BRD via DK1YH direct or bureau, Club Log OQRS.

**DL, GERMANY DM460DA** until end October. Founding fathers in 1959 were Heinz Dittman, DM3XA and Horst Koschay, DM4DA. QSL via DL9GFB, direct or bureau.

**DL, GERMANY DL0SOP** is the special call during July to mark the 61<sup>st</sup> edition of the Sea Of Peace Award. All QSO's will be confirmed automatically via bureau, direct cards to DL4SVA. More info on <http://dl0sop.darc.de/>

**EA, SPAIN AO50MOON** during July. This to commemorate the 50<sup>th</sup> anniversary of the first manned Moon landing. QSL via EA1RCI direct or bureau. TNX 425DX

**EA, SPAIN EA7URF** will participate in the official celebrations for the 500th anniversary of the first circumnavigation of the Earth, started in 1519 under the lead of Ferdinand Magellan and completed in 1522 by Juan Sebastian Elcano. Ten special event stations will be active over the next three years, each of them representing a milestone of the voyage. The first one will be **AM500SEV**, which will be active on 10-18 August to memorialize the departure of the expedition from Sevilla (10 August 1519). QSL via EA7URF (bureau or direct), LoTW. TNX 425DX

**F, FRANCE Berck-sur-Mer LH FR-0014** A team will be active as **TM0BSM** between August 15 and August 18 during the International Lightship and Lighthouse weekend. QSL via DLOAD, bureau or direct.

**F, FRANCE TM19WAB** will be active to mark the Grand Est Mondial Air Balloon until August 4. Activity on all bands using CW, SSB and DIGI. QSL via F4ESV, log upload to Club Log and LoTW.

**F, FRANCE** The Radio Club de Granville will be QRV as **TM75GRV** from July 29 until August 3. This to celebrate the 75<sup>th</sup> anniversary of D-Day and for the 75<sup>th</sup> annivesary of the liberation of Granville. QSL via F5KAQ.

**G, ENGLAND** On 25-26 July 1939 Polish, French and British cryptanalysts met outside Warsaw to share what they knew about Enigma. Three English special callsigns will be used to commemorate the 80<sup>th</sup> anniversary of that history-changing meeting: **GB80ENI** (1 July-28 August), **GB2ENI** (15 July-11 August) and **GB4ENI** (29 July-25 August). The activity is organized by Wojtek G0IDA, Karol G0UNU and Krzysztof M0AXH.

**G, ENGLAND** Commemorating the 50<sup>th</sup> anniversary of the first manned lunar landing, the Leicester Radio Society is active as **GB5EHL** until July 28. Main activity taking place on July 20-21. They operate SSB, CW, RTTY, SSTV, PSK and FT8 on the HF and VHF bands. The special callsign's suffix stands for "[the] Eagle Has Landed", the words that announced that the Lunar Module had touched down on the Moon's surface.

**G, ENGLAND** **GB100GP** is a commemorative callsign allocated to Gilwell Park's permanent station (GB2GP) to celebrate the 100th anniversary of the headquarters of the Scout Association in the UK. Next planned activation is for 25-28 July. QSL via Club Log's OQRS. TNX 425DX

**G, ENGLAND** Celebrating 55 years of offshore radio broadcasting, the Martello Tower Group (<http://www.martellotowergroup.com/gb5rc.html>) will be active as **GB55RC** on 1-5 August. Activity will take place from the MV Ross Revenge, home of Radio Caroline, moored in the Blackwater estuary near Bradwell-on-Sea (Essex). QSL via GB55RC (bureau) or G6NHU (direct). (TNX 425DX)

**HB9, SWITZERLAND** During 2019 are the Swiss Amateur Stations allowed to use the prefix **HB90** instead of HB9 and **HB30** instead of HB3. This to celebrate the 90<sup>th</sup> anniversary of the Union Schweizerischer Kurzwellen Amateure.

**HL, REP OF KOREA** The special event station **D73F** operates around the 18<sup>th</sup> World Aquatics Championships in GWangju. QRV until August 18 on HF. QSL via HL4CCM, direct or bureau, Club Log OQRS.

**HP, PANAMA** Victor, HP1AVS and others are active as **H31A** until August 15. This to celebrate the 500<sup>th</sup> anniversary of the founding of Panama La Vieja. Operation from 80 to 10 meter using SSB and digital modes. QSL via HP1AS or LoTW.

**HS, THAILAND** The Radio Amateur Society of Thailand is active as **HS10KING** on all bands and all modes until July 31. This to celebrate the coronation of King Rama X. All QSO's will be confirmed automatically via the bureau.

**I, ITALY** Members of ARI Torino, Ivrea and Pinerolo are active as **II1EMG** until August 4 for the European Masters Games that will be held in the city of Torino and its environs (26 July-4 August). They operate CW, SSB and digital modes on the HF and VHF bands. QSL via the bureau. An award is available for free download. <https://www.ii1emg.it/> (TNX 425DX)

**I, ITALY** The special call **IIOKT** commemorates the voyage of the raft Kon Tiki in 1947. QRV until August 31. QSL via I0KQB.

**I, ITALY** ARI Fidenza will use a series of special callsigns throughout 2019 to honour twelve "Italian pioneers in radio engineering":

**II4MJR** (Quirino Majorana) in July

**II4BRD** (Cesare Bardeloni) in August

**II4GRM** (Gruppo Radiotecnico Milanese) in September

**II4MNU** (Ernesto Montu') in October

**II4VAL** (Giancarlo Vallauri) in November

**II4TIB** (Ugo Tiberio) in December.

See <http://www.arifidenza.it/> for complete information on the award. QSL via IQ4FE, bureau or direct.

**I, ITALY** The ARI Fidenza Club (IQ4FE) plans to honour Italian radio pioneers during 2019. In January, **II4CAL** points to Temistocle Calzecchi-Onesti. QSL via IQ4FE. <http://www.arifidenza.it/>

**JA, JAPAN** Look for **8J8HAM** until September 22 around the sixth Hokkaido Ham Fair. QSL via bureau.

**LX, LUXEMBOURG** Members of the Luxembourg Amateur Radio Union (LARU) are active as **LX50MOON** in July to mark the 50<sup>th</sup> anniversary of the first manned mission to land on the Moon. QSL via LoTW; paper QSL cards sent automatically via bureau.

**LZ, BULGARIA** Once again Radio Club Blagovestnik (LZ1KCP) will use twelve special callsigns throughout 2019 to honour as many different Orthodox saints:

**LZ1809PNS** (July), **LZ304AE** (August), **LZ304EW** (September), **LZ311HI** (October), **LZ365BM** (November) and **LZ4408SPA** (December). QSL via bureau or direct to P.O. Box 36, 4300 Karlovo, Bulgaria. Details on the "All Saints 2019" award can be found at <http://www.lz1kcp.com/>

**OE, AUSTRIA** The radio scouts of CLUB TELESCOUT has set up a radio camp at Bad Ischl-Haiden and operate as **OE1XJA/5** and **OE1XJA/p** until August 2. QSL via bureau.

**OH, FINLAND** The Finnish section of the International Police Association celebrates its 60<sup>th</sup> anniversary with the call **OG60IPA** throughout 2019. QSL via OH4MDY.

**OJ0, MARKET REEF** Northern Market Reed is celebrating her 50th DXCC year. The OJ0 Party Wagon will get under way this coming Saturday, July 6th with multiple call signs and an international team. If you work five (5) different OJ0 call signs in 2019, a special award will be released. If you work ten (10) of them in 2019, you will qualify for a special award and a symbolic key to the light house. Your log extract should be submitted to Pasi, OH3WS, the contact person between the Finnish Lighthouse Society (FLS) and the global ham fraternity.

Here is your shopping list;

25-31. July **OJ0DX** (ops DL3DXX, DJ4MF, DL5SE, SM0W, SA0LAT)

17-24. Aug **OJ0O** (ops JH4RHF, JE6HIB, DS4EIO, W5XU, OG2M, OH3JR)

note: OJ0AW, OJ0W were earlier 2019 activations.

Additionally, the host operators will fill some slots and several odd band/modes; **OJ0W** (OH3WS), **OJ0JR** (OH3JR), **OJ0BH** (OH2BH) and **OJ0MR** (OG2M).

The activations above will make eleven (11) OJ0 call signs to hunt. Thank you for being part of the OJ0 50-Years celebrations.

**OK, CZECH REP** Look for **OL75CLAY** until end July. This to mark the 75<sup>th</sup> anniversary of Operation Clay, executed during World War II in the protectorate of Bohemia and Moravia by Czech paratroopers. QSL via OK2PXJ.

**PA, THE NETHERLANDS** Celebrating the 100<sup>th</sup> anniversary of the International Astronomical Union **PC100IAU** from the Louwman Museum, The Hague is activated until end July. See qrz.com for more information and QSL routes.

**PA, THE NETHERLANDS** Look for **PA11APOLLO** to commemorate the Moon mission until August 2. QSL via PA1UN.

**PY, BRAZIL** To celebrate the 15<sup>th</sup> anniversary of the Grupo Curva do Rio de Radioamadores, **ZZ15CDR** (July) is activated on HF. QSL via LoTW.

**SM, SWEDEN** Look for Anders SM7VRZ as **SJ7SOP** during July, this to mark the annual SOP award. Operation from 80 to 10 meter using SSB and digital modes. QSL via SM7VRZ.

**SM, SWEDEN** Celebrating its 50<sup>th</sup> anniversary, Sweden's National Society for the Active Visually Impaired (SK5CG) will be active as **SF50CG** throughout 2019. QSL via SM0BYD.

**SV, GREECE** Members of the Thessaloniki Amateur Radio Group (SZ2T) are celebrating the 94<sup>th</sup> anniversary of Mikis Theodorakis until July 29 with the special calls **SV94THEO**, **SV94MIKIS**, **SX94THEO** and **SX94MIKIS**. QSL via LoTW or direct.

**TA, TURKEY** GITRAD Giresun Telsiz Radyo Amatorlari ve Doga Sporlari Dernegi is celebrating its 10<sup>th</sup> anniversary with the special call **TC10GITRAD**. It will be on the air until 31 December 2019, The log will be uploaded to eqsl and LoTW regularly. For any miscopied callsign, please send an e-mail to TA7AZC ([qrz.com](http://qrz.com) recorded). No cards are required at this end and if you need a hardcopy qsl card please send it direct to TA7AZC (SASE+3GS)

**UR, UKRAINE** Look for **EN185UNIV** until end 2019 to celebrate the 185<sup>th</sup> anniversary of the Taras Shevchenko National University of Kyiv. QSL via UT8UF.

**VE, CANADA** Jim WA4YIZ, Becky KA2BEC and Richard VE2DX commemorate Apollo 11 as **VX2A11** from the Iles de Madeleine (NA-038) until July 30. QSL via VE2STN, LoTW.

**VK, AUSTRALIA** Look for **VI3MOON** to celebrate the Apollo 11 mission. Activity until July 24. QSL via bureau and direct (see QRZ.com).

**W, USA** Members of the Stratford Amateur Radio Club commemorate Apollo 11 with the special event call **K1M** until July 28 on HF using SSB, CW, FT8, RTTY, PSK31. QSL via bureau.

**W, USA** Look for **K7O** to celebrate the Apollo 11 mission until August 3. On July 20-21 the station operates from the Flagstaff Observatory.

**ZS, SOUTH AFRICA** ZS9V team will again be operating from Robben Island (IOTA AF-064) from the evening of 15th August until sometime on the 20th. This covers the weekend of ILLW. Same as last year (SSB on 10/15/20 and SSB on 40/80). Further information on the operation will be published on <http://zs9v.org.za/>